

COURSE: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
Course Code: EDU17108OE

Objectives

The students will be:

1. Able to comprehend the concept of environment and sustainability, and attempts to address its goals.
2. Able to understand and critically discuss the concepts linked to environment, human welfare and sustainable development.
3. Able to deeply understand wiser use of natural resources.

UNIT I Understanding the Environment

- i. Meaning and significance of environment and environmental science
- ii. Realms of environment
- iii. Ecosystem: types, structure and functions
- iv. Ecosystem goods and services

UNIT II Sustainable Development

- i. Concept and history of sustainable development: Brundtland and Rio
- ii. Sustainable development goals
- iii. Concept of community participation and its need in sustainable development
- iv. Role of sustainable development in conservation of natural resources

Suggested Readings

1. Environmental Education: Principles and Practices by Carson, Sean Mc B
2. Fundamentals of Ecology by E.P.Odum
3. Fundamentals of ecology by M.C.Dash
4. Environmental Science by Botkin and Keller
5. Perspectives in Environmental Studies by Kaushik and Kaushik